

STORAGE AREA NETWORK METHODS AND APPARATUS
WITH HIERARCHICAL FILE SYSTEM EXTENSION POLICY

5 **Abstract of the Invention**

10 A storage area network (SAN) includes a plurality of digital data processors, each with a file
15 system that effects access to one or more storage devices coupled to the SAN, for example, via
an interconnect fabric. A process (e.g., executing on a manager digital data processor) responds
to a file system over-extension notification from at least a selected one of the digital data
processors, e.g., by assigning a further storage device to the selected digital data processor. The
type of response is, more particularly, determined in accord with a hierarchically defined policy
inherited, in whole or in part, from one or more hierarchical groups of which the digital data
processor is a member.